

# DESERT TORTOISE HABITAT RESTORATION IN BURNED AREAS

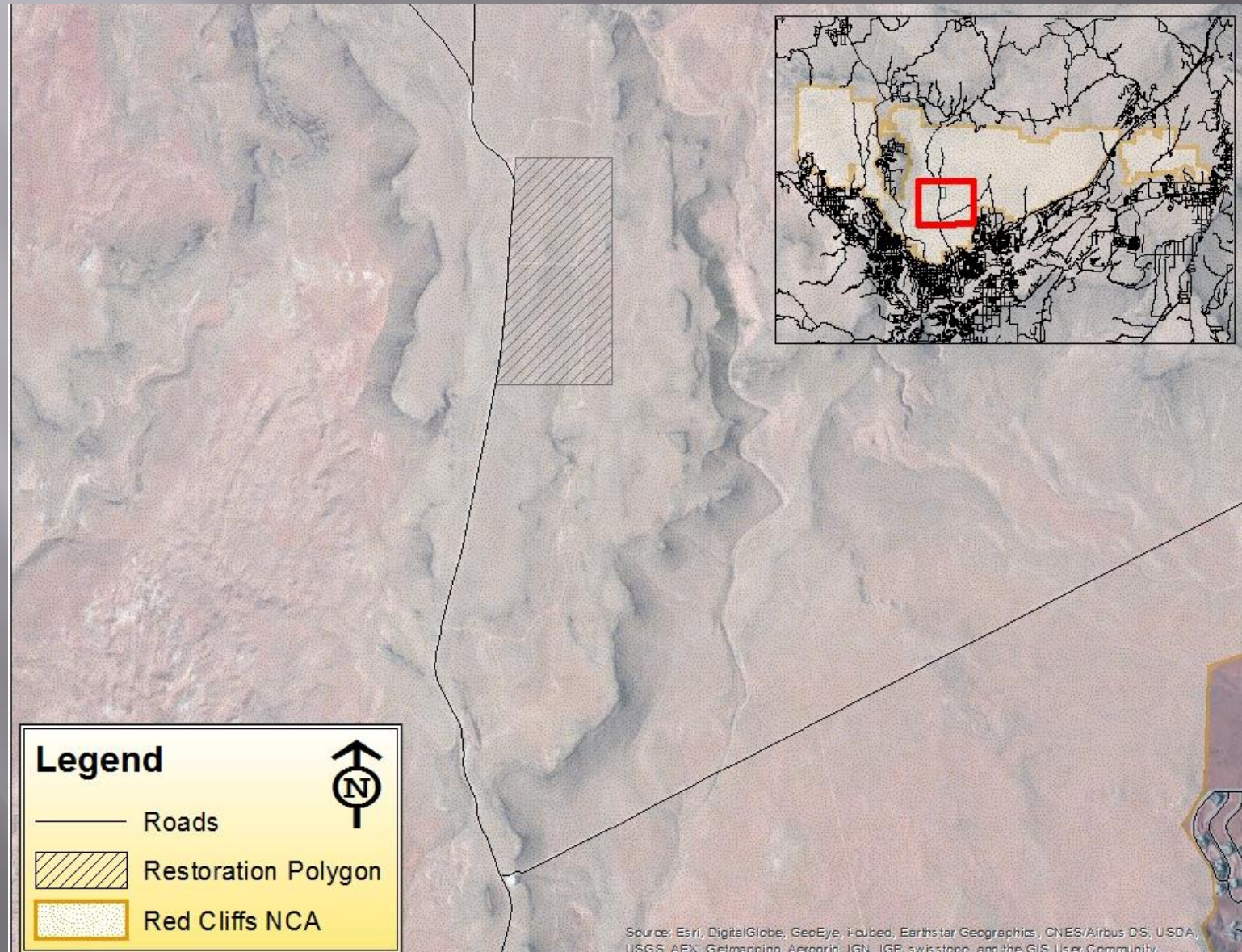
Exhibit 6-c-1  
HCAC 082515



Interagency habitat restoration project  
within 2 National Conservation Areas  
in Washington County



# Red Cliffs NCA 100 acres



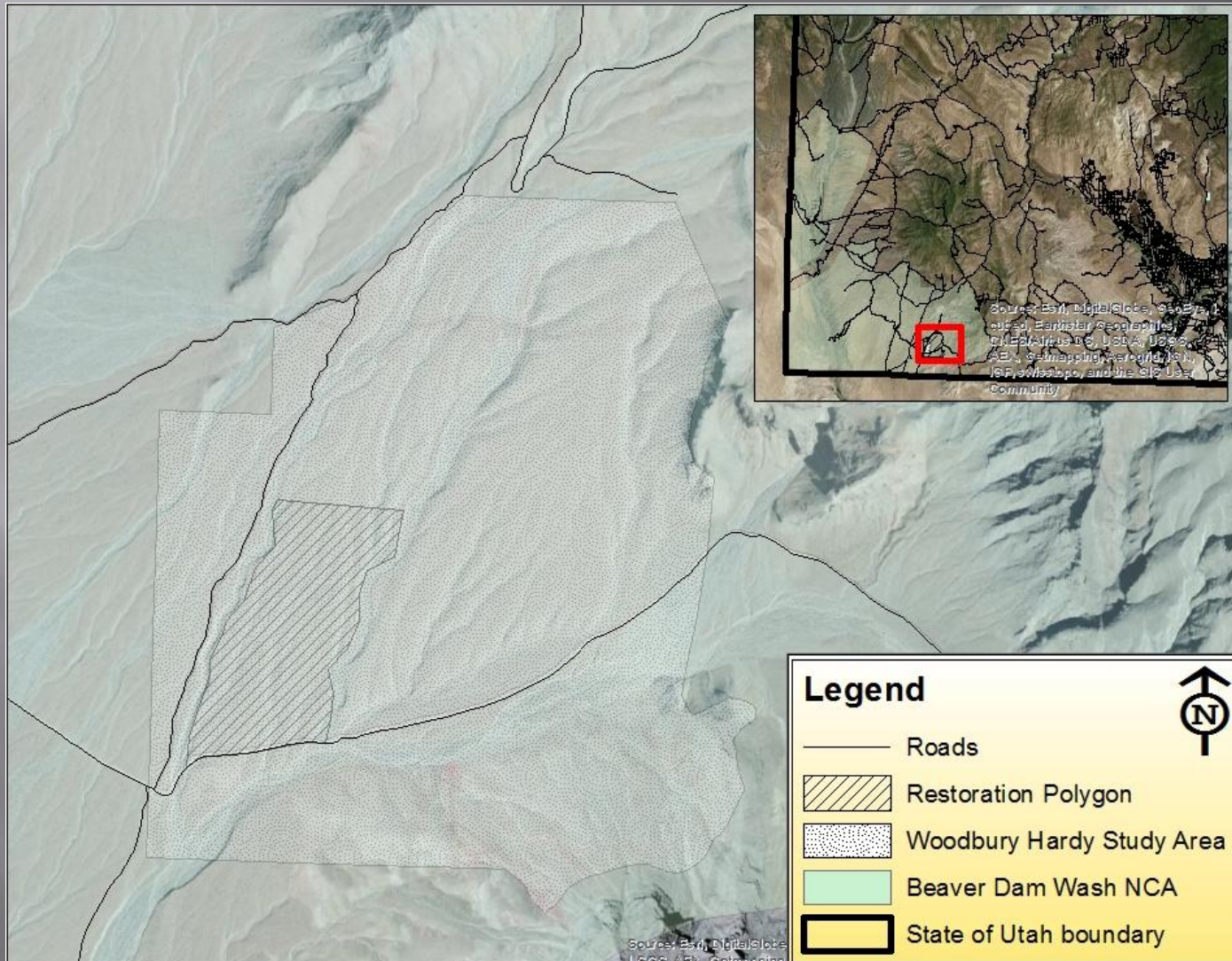


# Red Cliffs





# Beaver Dam Wash NCA 100 acres





# Beaver Dam Wash





# Methods

- ▣ Plots selected in previously burned areas, where invasive species are dominant
- ▣ Local native seed will be grown in a nursery (e.g., Lake Mead) for a minimum of 6-8 months to develop root structure.
- ▣ Containerized plants will be planted using hand tools at each site (densities=5,000/per acre unit).
- ▣ Within each polygon, certain areas will be planted more densely to create vegetated islands within each plot.

# Effectiveness Monitoring

We will determine:

- The number of plants that survive in each plot
- The impact of native plants on the presence of nonnative exotics
- If certain methods of planting are more successful than others
- The most effective methods that lower overall costs but maintain high survival rates of containerized plants



# Funding Sources

- Washington County HCP \$30,000
- Watershed Restoration Initiative \$30,000
- U.S. Fish and Wildlife Service \$30,000
- The Nature Conservancy \$12,188
- In-kind funding from BLM and UDWR